

IN THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below. This listing of claims replaces all prior versions and listings of claims in the application:

Claims 1-22 (Cancelled)

23. (New) A media processing device, comprising:

a storage device access module that accesses and provides access to an external storage device through a transmission medium, and that provides power to the external storage device during an activated mode but does not provide power to the external storage device during an inactivated mode;

an information source that provides an input signal;

a program memory that stores a system program for system control of the media processing device;

a system memory that provides memory space for operation of the media processing device;

a signal processor that decodes media data according to a first signal processing method and encodes the input signal into media data according to a second signal processing method;

a user interface that provides an interface to a user of the media processing device; and

a system controller that controls the storage device access module, the signal processor and the user interface according to the system program;

wherein the system controller accesses the external storage device through the storage device access module, reads file information of at least one media file, and constructs contents to be displayed on the user interface based upon the read file information;

wherein, when the system controller receives a command to select one of the at least one media files through the user interface, the system controller accesses the external storage device through the storage device access module, searches for the selected media file, reads data of the searched media file, copies the read data to the system memory, and provides the copied data to the signal processor so that the provided data are decoded according to the first signal processing method;

wherein, when the system controller receives a command to encode a signal through the user interface, the system controller transmits the input signal to the signal processor so that the transmitted input signal is encoded to media data according to the second signal processing method, constructs a media file from the encoded media data, positions the media file on the system memory and, when the external storage device is currently accessible through the storage device access module, copies the constructed media file to the external storage device and, when the external storage device is not currently accessible, waits until the external storage device becomes accessible and then copies the constructed media file to the external storage device.

24. (New) The media processing device as set forth in claim 23, wherein:

the storage device access module is constructed so that an access mode thereof is set to one of an activated mode and an inactivated mode that has low power consumption according to control of the system controller;

the system controller accesses the external storage device, reads the file information and sets the access mode of the storage device access module to the inactivated mode;

when the system controller receives a command to select at least one media file through the user interface, the system controller sets the access mode of the storage device access module to the activated mode, accesses the external storage device, copies data of the selected specific media file to the system memory, and sets the access mode of the storage device access module to the inactivated mode; and

when the system controller receives a command to encode a signal through the user interface, the system controller constructs the media file, positions the constructed media file on the system memory, and sets the access mode of the storage device access module to the activated mode, copies the constructed media file to the external storage device and sets the access mode of the storage device access module to the inactivated mode, when the external storage device is accessible through the storage device access module.

25. (New) A media processing device, comprising:

a storage device access module that accesses and provides access to an external storage device through a transmission medium, and that provides power to the

external storage device during an activated mode but does not provide power to the external storage device during an inactivated mode;

a boot code memory that stores a boot code for system booting of the media processing device;

a system memory that provides memory space for operation of the media processing device;

a signal processor that decodes media data according to a first signal processing method and encodes an input signal into the media data according to a second signal processing method;

a user interface that provides an interface to a user of the media processing device; and

a system controller that controls the storage device access module, the signal processor and the user interface;

wherein the system controller loads a system program for performing system control of the media processing device from the external storage device to the system memory through the storage device access module in an early operation mode in which the media processing device is operated according to the boot code, and, thereafter, is operated according to the loaded system program;

wherein the system controller accesses the external storage device through the storage device access module, reads file information of at least one media file stored in the external storage device, and constructs contents to be displayed on the user interface based upon the read file information;

wherein, when the system controller receives a command to select one of the at least one media files through the user interface, the system controller accesses the external storage device through the storage device access module, copies data of the selected media file to the system memory, and provides the copied data of the selected media file to the signal processor so that the provided data of the selected media file are decoded according to the first signal processing method.

26. (New) The media processing device as set forth in claim 25, wherein, when the system controller receives a report on connection of a second external storage device from the storage device access module after loading the system program for performing the system control of the media processing device to the system memory, the system controller accesses the second external storage device, examines whether a system program is present in the second external storage device, and copies the system program from the system memory to the second external storage device when the system program is not present in the second external storage device.

27. (New) A media processing device, comprising:

a storage device access module that accesses and provides access to an external storage device through a transmission medium, and that provides power to the external storage device during an activated mode but does not provide power to the external storage device during an inactivated mode;

a program memory that stores a system program for system control of the media processing device;

a system memory that provides memory space for operation of the media processing device;

a signal processor that decodes media data according to a first signal processing method;

a user interface that provides an interface to a user of the media processing device; and

a system controller that controls the storage device access module, the signal processor and the user interface;

wherein the system controller accesses the external storage device through the storage device access module, reads file information of at least one media file, and constructs contents to be displayed on the user interface based upon the read file information;

wherein, when the system controller receives a command to select one of the at least one media files through the user interface, the system controller accesses the external storage device through the storage device access module, reads data of the selected media file, copies the read data of the selected media file to the system memory, and provides the copied data of the selected media file to the signal processor so that the provided data of the selected media file are decoded according to the first signal processing method.

28. (New) The media processing device as set forth in claim 25 wherein the system controller accesses the external storage device through the storage device access module, copies file information of at least one media file stored in the external storage device to the system memory, and searches the external storage device for the selected specific media file based upon the copied file information.

29. (New) The media processing device as set forth in claim 25 wherein:

the storage device access module is constructed so that an access mode thereof is set to one of an activated mode and an inactivated mode that has low power consumption according to control of the system controller;

the system controller accesses the external storage device, reads the file information and sets the access mode of the storage device access module to the inactivated mode; and

when the system controller receives a command to select at least one media file through the user interface, the system controller sets the access mode of the storage device access module to the activated mode, accesses the external storage device, copies data of the selected specific media file to the system memory, and sets the access mode of the storage device access module to the inactivated mode.

30. (New) The media processing device as set forth in claim 25 wherein the system controller copies another media data from the external storage device to the system memory while causing the copied media data to be decoded according to the

first signal processing method by providing the copied media data to the signal processor, a priority of the copying operation being lower than a priority of the decoding operation.

31. (New) The media processing device as set forth in claim 25, further comprising:

an information source that provides the input signal;

wherein, when the system controller receives a command to encode media data from a user through the user interface, the system controller transmits the input signal to the signal processor so that the input signal is encoded to media data according to a second signal processing method, constructs a media file from the encoded media data, positions the media file on the system memory, and copies the constructed media file to the external storage device through the storage device access module when the external storage device is currently accessible through the storage device access module, and copies the constructed media file to the external storage device through the storage device access module after the external storage device becomes accessible, when the external storage device is not currently accessible through the storage device access module.

32. (New) The media processing device as set forth in claim 23, wherein the transmission medium is a universal serial bus transmission medium, and the storage



device access module accesses the external storage medium through the universal serial bus transmission medium and is operated in a host mode.

33. (New) The media processing device as set forth in claim 23, wherein the transmission medium is an Institute of Electrical and Electronics Engineers 1394 transmission medium, and the storage device access module accesses the external storage medium through the Institute of Electrical and Electronics Engineers 1394 transmission medium and is operated in a serial bus protocol 2 initiator mode.

34. (New) The media processing device as set forth in claim 23, wherein the transmission medium is a wireless communications medium, and the storage device access module accesses the external storage medium through the wireless communications medium and is operated in a controller mode.

35. (New) The media processing device as set forth in claim 27, wherein the system controller accesses the external storage device through the storage device access module, copies file information of at least one media file stored in the external storage device to the system memory, and searches the external storage device for the selected specific media file based upon the copied file information.

36. (New) The media processing device as set forth in claim 27, wherein:

the storage device access module is constructed so that an access mode thereof is set to one of an activated mode and an inactivated mode that has low power consumption according to control of the system controller;

the system controller accesses the external storage device, reads the file information and sets the access mode of the storage device access module to the inactivated mode; and

when the system controller receives a command to select at least one media file through the user interface, the system controller sets the access mode of the storage device access module to the activated mode, accesses the external storage device, copies data of the selected specific media file to the system memory, and sets the access mode of the storage device access module to the inactivated mode.

37. (New) The media processing device as set forth in claim 27, wherein the system controller copies another media data from the external storage device to the system memory while causing the copied media data to be decoded according to the first signal processing method by providing the copied media data to the signal processor, a priority of the copying operation being lower than a priority of the decoding operation.

38. (New) The media processing device as set forth in claim 27, further comprising:

an information source that provides an input signal;

wherein, when the system controller receives a command to encode media data from a user through the user interface, the system controller transmits the input signal to the signal processor so that the input signal is encoded to media data according to a second signal processing method, constructs a media file from the encoded media data, positions the media file on the system memory, and copies the constructed media file to the external storage device through the storage device access module when the external storage device is currently accessible through the storage device access module, and copies the constructed media file to the external storage device through the storage device access module after the external storage device becomes accessible, when the external storage device is not currently accessible through the storage device access module.

39. (New) The media processing device as set forth in claim 25, wherein the transmission medium comprises a universal serial bus transmission medium, and the storage device access module accesses the external storage medium through the universal serial bus transmission medium and is operated in a host mode.

40. (New) The media processing device as set forth in claim 27, wherein the transmission medium comprises a universal serial bus transmission medium, and the storage device access module accesses the external storage medium through the universal serial bus transmission medium and is operated in a host mode.

41. (New) The media processing device as set forth in claim 25, wherein the transmission medium comprises a Institute of Electrical and Electronics Engineers 1394 transmission medium, and the storage device access module accesses the external storage medium through the Institute of Electrical and Electronics Engineers 1394 transmission medium and is operated in a serial bus protocol 2 initiator mode.

42. (New) The media processing device as set forth in claim 27, wherein the transmission medium comprises a Institute of Electrical and Electronics Engineers 1394 transmission medium, and the storage device access module accesses the external storage medium through the Institute of Electrical and Electronics Engineers 1394 transmission medium and is operated in a serial bus protocol 2 initiator mode.

43. (New) The media processing device as set forth in claim 25, wherein the transmission medium comprises a wireless communications medium, and the storage device access module accesses the external storage medium through the wireless communications medium and is operated in a controller mode.

44. (New) The media processing device as set forth in claim 27, wherein the transmission medium comprises a wireless communications medium, and the storage device access module accesses the external storage medium through the wireless communications medium and is operated in a controller mode.